

Please type a plus sign (+) inside this box → ☒

PTO/SB/05 (4/98)
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 520.32696CX5

First Inventor or Application Identifier Ikuya ARAI, et al

Title INFORMATION OUTPUT SYSTEM

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 33]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 12]
4. Oath or Declaration [Total Pages 2]
 - a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☐ * Small Entity Statement(s) ☐ Statement filed in prior application
(PTO/SB/09-12) Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☒ Other: Letter & Claim Chart

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/265,363
Prior application information: Examiner R. Phan Group / Art Unit: 2781

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

020457

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Melvin Kraus

Registration No. (Attorney/Agent)

22,466

Signature

Melvin Kraus

Date

Dec. 8, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$1,664.00)

Complete if Known

Application Number
Filing Date December 8, 2000
First Named Inventor Ikuya ARAI, et al
Examiner Name
Group / Art Unit
Attorney Docket No. 520.32696CX5

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 01-2135

Deposit Account Name

☐ Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:

☐ Check ☐ Money Order ☒ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	710.00
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 690	208 345	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ 710.00)

2. EXTRA CLAIM FEES

Total Claims 33 - 20** = 13 x Fee from below 18 = 234
Independent Claims 12 - 3** = 9 x Fee from below 80 = 720
Multiple Dependent = 0

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 954.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	0.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.	0.00
139 130	139 130	Non-English specification	0.00
147 2,520	147 2,520	For filing a request for reexamination	0.00
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	0.00
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	0.00
115 110	215 55	Extension for reply within first month	0.00
116 380	216 190	Extension for reply within second month	0.00
117 870	217 435	Extension for reply within third month	0.00
118 1,360	218 680	Extension for reply within fourth month	0.00
128 1,850	228 925	Extension for reply within fifth month	0.00
119 300	219 150	Notice of Appeal	0.00
120 300	220 150	Filing a brief in support of an appeal	0.00
121 260	221 130	Request for oral hearing	0.00
138 1,510	138 1,510	Petition to institute a public use proceeding	0.00
140 110	240 55	Petition to revive - unavoidable	0.00
141 1,210	241 605	Petition to revive - unintentional	0.00
142 1,210	242 605	Utility issue fee (or reissue)	0.00
143 430	243 215	Design issue fee	0.00
144 580	244 290	Plant issue fee	0.00
122 130	122 130	Petitions to the Commissioner	0.00
123 50	123 50	Petitions related to provisional applications	0.00
126 240	126 240	Submission of Information Disclosure Stmt	0.00
581 40	581 40	Recording each patent assignment per property (times number of properties)	0.00
146 690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149 690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00
Other fee (specify)			0.00
Other fee (specify)			0.00

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

Name (Print/Type) Melvin Kraus

Signature

Registration No. (Attorney/Agent)

22,466

Complete (if applicable)

Telephone 703-312-6600

Date Dec. 8, 2000

WARNING:

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520.32696CX5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): I. ARAI, et al
Serial No.: Continuing Application of Serial No.
09/265,363)
Filed: December 8, 2000
For: INFORMATION OUTPUT SYSTEM



LETTER

Commissioner for Patents
Washington, D.C. 20231

December 8, 2000

Sir:

Applicants note that the claims as presented in this continuation application correspond to claims of the parent application Serial No. 09/265,363 which were under rejection in the parent application as well as additional new claims including revisions of claims allowed in the parent application.

As an aid to the Examiner, attached hereto is a claim chart showing correspondence of the present claim number with that of the claim number from the parent application, wherein the present claims have been reorganized so that a dependent claim generally follows its parent claim. Referring to the attached claim chart, it is noted that claims 1-23 of this application correspond to the identified rejected claims of the parent application, with claims 24-33 representing new claims including revisions of the rejected claims and claims

which were allowed in the parent application in revised form.

In order to expedite prosecution of this application, applicants offer the following comments in light of the rejection of the claims under 35 U.S.C. §103(a) as being unpatentable over Sawdon (U.S. 5,276,458) in view of Nichols (U.S. 4,991,023) as set forth in the parent application.

At the outset, the Examiner has recognized that Sawdon does not disclose various claimed features with the Examiner contending that such deficiencies of Sawdon are overcome by the disclosure and teachings of Nichols.

In setting forth the rejection, the Examiner recognizes that Sawdon does not disclose "a communication permission means for permitting communication between the computer with respect to the display control of the display unit, when the first and second identification information match as a result of the comparison by the comparing means". The Examiner indicates "However, Nichols discloses the communication control circuit comprising...a communication permission means for permitting communication between the computer with respect to the display control of the display unit, when the first and second identification information match as a result of the comparison by the comparing means (see col. 1, lines 37-65)". Applicants submit that irrespective of this position by the Examiner, Nichols like Sawdon, fails to disclose "communication permission means" as recited. That is, in Nichols, communication always occurs between the computer and the display unit. More particularly, as set forth in col. 1, lines 44-50 of Nichols, "If a match is found the values for

the parameters stored in the entry are applied by the control processor through the digital-to-analog converters to the control lines. If a match is not found, the control processor applies default values for some parameters and applies an algorithm to determine control values for other parameters." See also col. 5, lines 11-18, concerning the operation of the microprocessor 1 based upon whether or not a match is found in the non-volatile memory 2. That is, in Nichols, whether or not a match is found, communication of the computer with the display unit is always effected with only the signals which are applied being different. As such, Nichols like Sawdon, fail to disclose communication permission means and enabling them or disablement of display control in the manner recited in the claims of this application. Thus, all claims should be considered to patentably distinguish over this cited art.

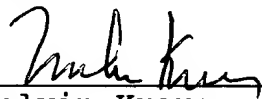
Applicants note that with respect to claims 51 and 52 of the parent application represented herein as claims 22 and 23, such claims recites the feature that the display unit information includes an identification number for uniquely identifying the display unit and control based upon the display unit information. It is noted that the Examiner recognizes that Sawdon and Nichols fail to teach the identification number is recognized by the computer at start up with the Examiner taking "Official Notice" that the concept and advantage of recognizing the identification number at the computer start up are well known and expected in the art. Applicants challenge the Examiner's taking of "Official

Notice" and submit that the Examiner should cite art in support of the Examiner's position as well as apply such art in combination with other cited art in an attempt to meet the claimed invention, so as to provide applicants with an opportunity to point out differences in structure and/or operation with regard to the cited art, noting that neither Sawdon nor Nichols provide the claimed features, irrespective of the Examiner's position as set forth in the Office Action of August 30, 2000 in the parent application.

For the foregoing reasons, applicants submit that all claims present in this application should be considered allowable and favorable action with respect thereto is respectfully requested.

To the extent necessary, applicant's petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (520.32696CX5) and please credit any excess fees to such deposit account.

Respectfully submitted,



Melvin Kraus
Registration No. 22,466
ANTONELLI, TERRY, STOUT & KRAUS, LLP

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520.32696CX5
6137-6

Claim Chart

Present Claim Number in this continuing application	Parent Claim Number of Serial No. 09/265,363
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1	1
2	2
3	27
4	4
5	5
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10	17
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